

# z/OS Open Source

Our aim is to **modernize** the most critical system on earth!



[zOSOpenTools](#)

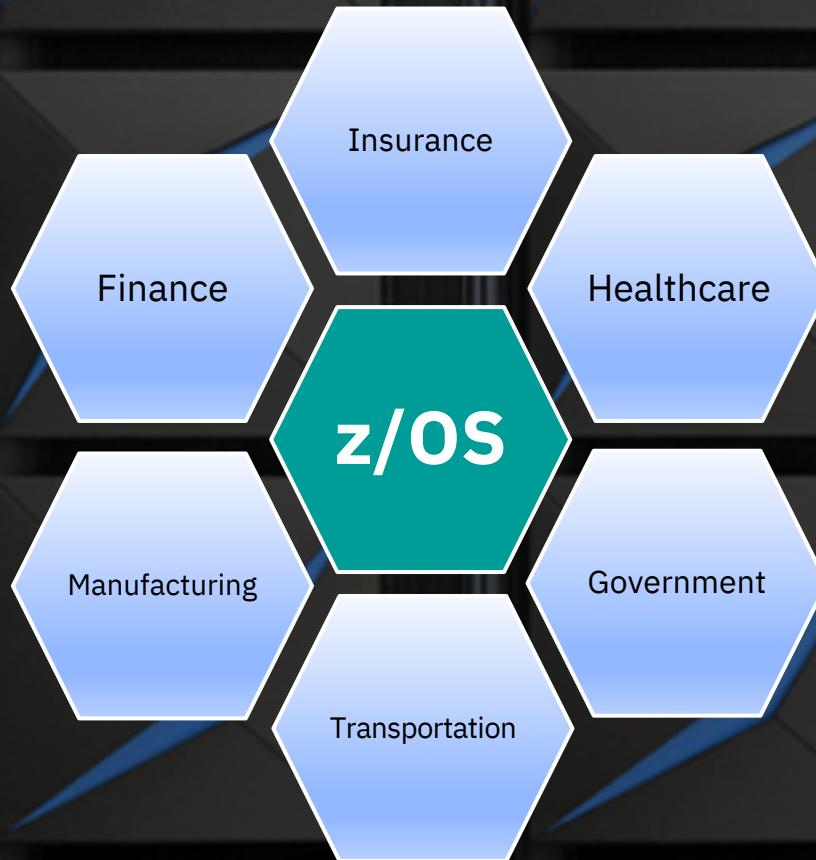


[@zos-open-tools](#)

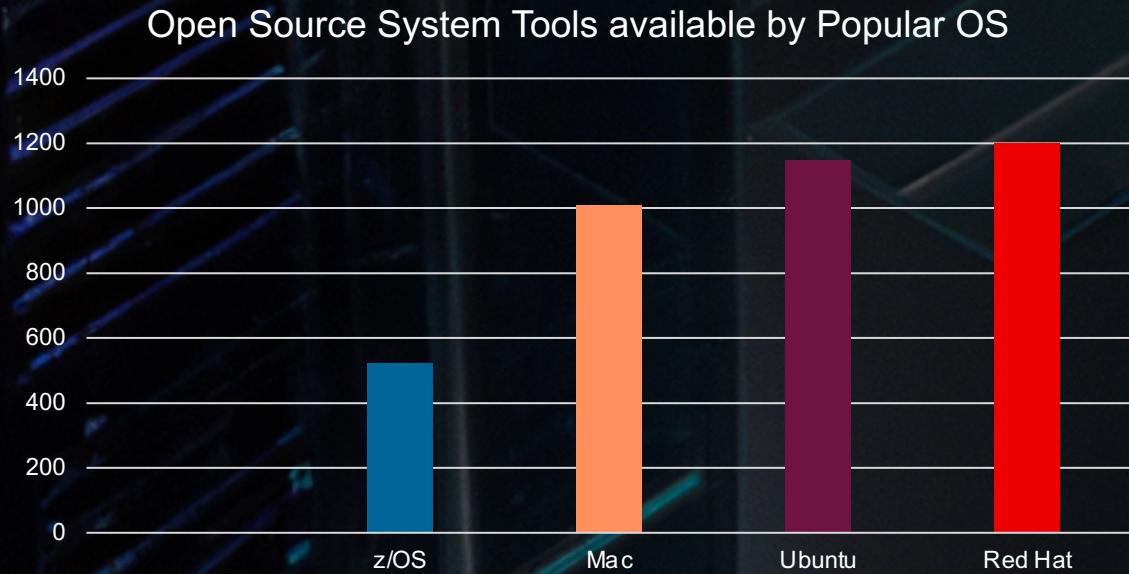


[Igor Todorovski](#)

# IBM Z is the backbone for many organization's IT systems



But z/OS is behind other operating systems with respect to Open Source Software



**Solution:** We need to port more Open Source to z/OS!

# Why should I be interested?



**Gain practical experience with real world software**

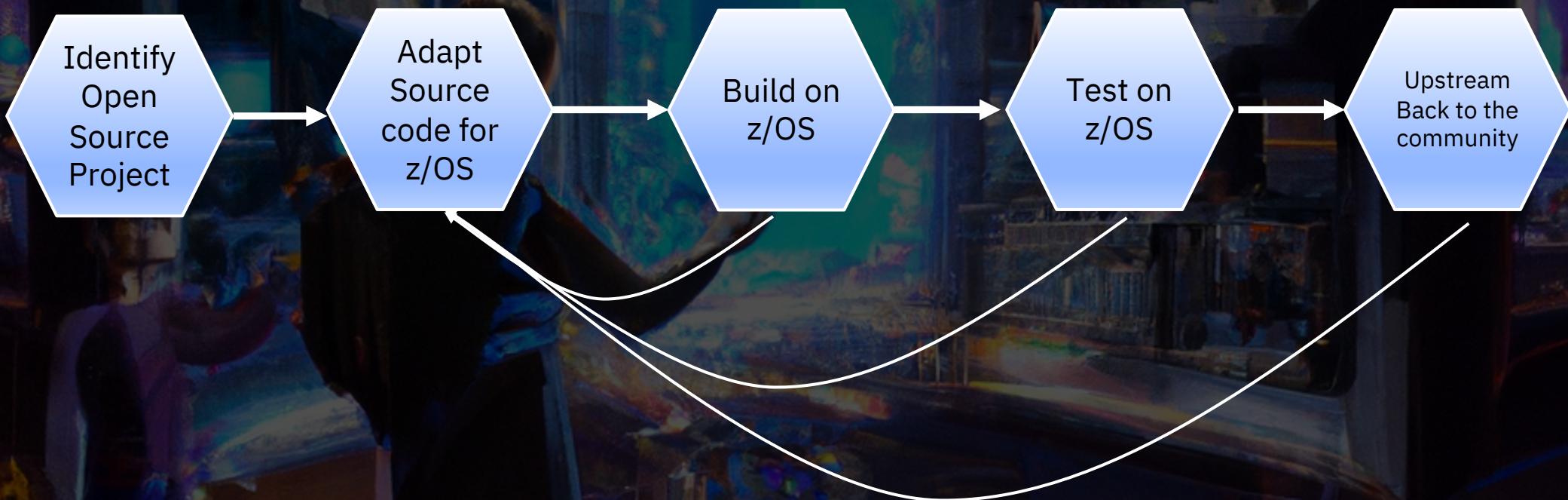


**Collaborate with Open Source Communities**



**Build a professional network**

# What is z/OS Open Source Porting?



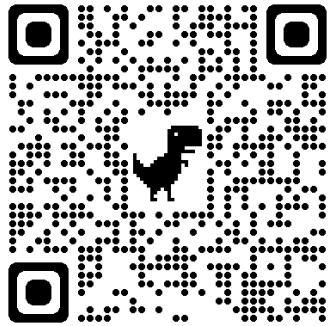
# Examples of Recent Open Source Ported to z/OS

## Which Projects?

- z/OS Package Manager ([zopen](#))
- AI inferencing ([LLaMa.cpp](#))
- Build systems ([Cmake](#), [Ninja](#), [Make](#))
- Security ([openssl](#), [gpg](#))
- Compression ([zip](#), [tar](#), [gzip](#))
- Shells ([bash](#))
- Source Control ([git](#))
- Editors ([neovim](#), [vim](#))
- Over 100+ projects to choose from!

Llama.cpp





# Learn more

- **Github:** <https://github.com/ZOSOpenTools>
- **Documentation:** <https://zosopentools.github.io/meta/>
- **Skills:** C, C++, or Go and Unix
- **Contacts:** Igor Todorovski [itodorov@ca.ibm.com](mailto:itodorov@ca.ibm.com)

README.md

## Welcome to z/OS Open Tools



Welcome to the vibrant community of z/OS Open Source tools! With over 170+ projects and a thriving community, we're shaping the future of z/OS open source development.

### Explore & Engage

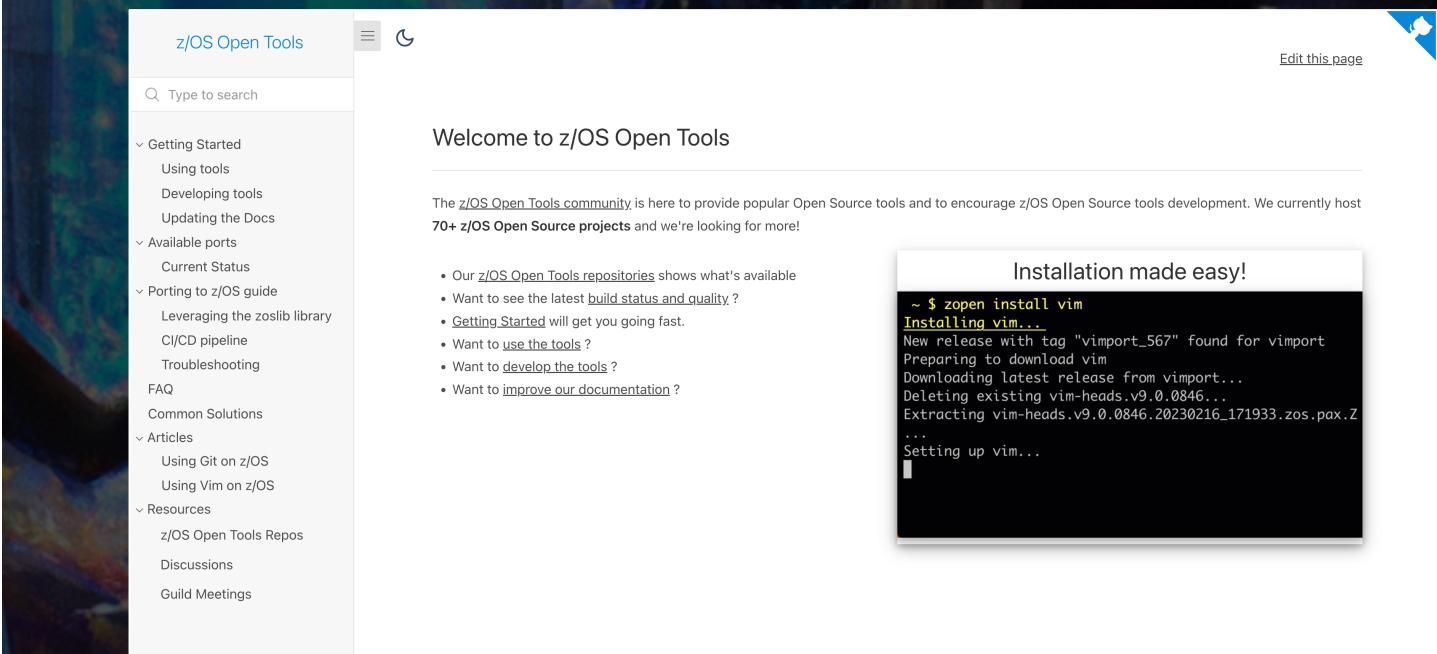
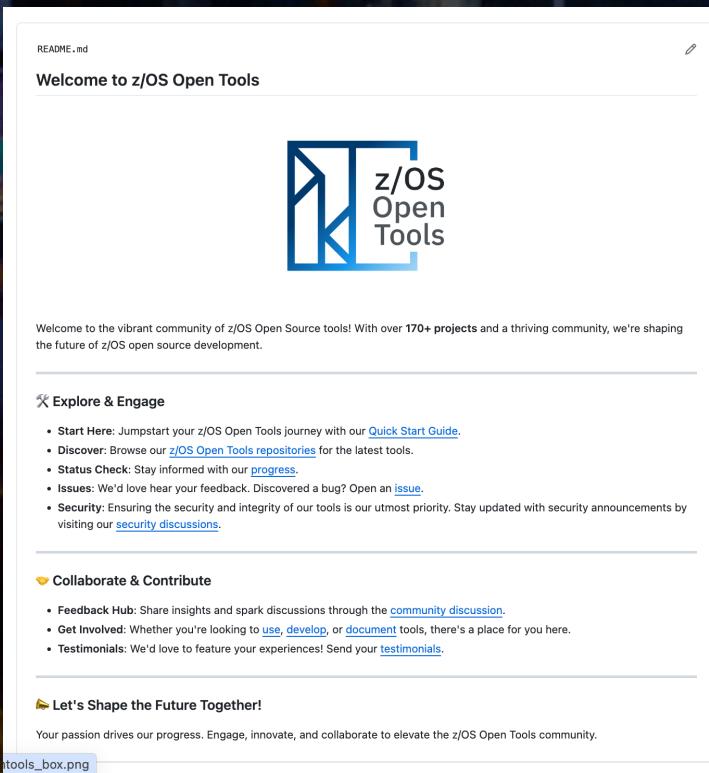
- Start Here: Jumpstart your z/OS Open Tools journey with our [Quick Start Guide](#).
- Discover: Browse our [z/OS Open Tools repositories](#) for the latest tools.
- Status Check: Stay informed with our [progress](#).
- Issues: We'd love hear your feedback. Discovered a bug? Open an [issue](#).
- Security: Ensuring the security and integrity of our tools is our utmost priority. Stay updated with security announcements by visiting our [security discussions](#).

### Collaborate & Contribute

- Feedback Hub: Share insights and spark discussions through the [community discussion](#).
- Get Involved: Whether you're looking to [use](#), [develop](#), or [document](#) tools, there's a place for you here.
- Testimonials: We'd love to feature your experiences! Send your [testimonials](#).

### Let's Shape the Future Together!

Your passion drives our progress. Engage, innovate, and collaborate to elevate the z/OS Open Tools community.



The [z/OS Open Tools community](#) is here to provide popular Open Source tools and to encourage z/OS Open Source tools development. We currently host 70+ z/OS Open Source projects and we're looking for more!

- Our [z/OS Open Tools repositories](#) shows what's available
- Want to see the latest [build status and quality](#)?
- [Getting Started](#) will get you going fast.
- Want to [use the tools](#)?
- Want to [develop the tools](#)?
- Want to [improve our documentation](#)?

### Installation made easy!

```
~ $ zopen install vim
Installing vim...
New release with tag "vimport_567" found for vimport
Preparing to download vim
Downloading latest release from vimport...
Deleting existing vim-heads.v9.0.0846...
Extracting vim-heads.v9.0.0846.20230216_171933.zos.pax.Z
...
Setting up vim...
```